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**AMENDMENT TRANSMITTAL LETTER**Docket No.  
SON-3173Application No.  
10/584,994-Conf. #5930Filing Date  
June 29, 2006Examiner  
Not Yet AssignedArt Unit  
2811

Applicant(s): Masaaki Bairo

Invention: BIPOLAR TRANSISTOR, SEMICONDUCTOR APPARATUS HAVING THE BIPOLAR TRANSISTOR, AND METHODS FOR MANUFACTURING THEM

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	8	- 20 =	0	x 50.00	0.00
Independent Claims	4	- 4 =	0	x 200.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00

 Large Entity Small Entity No additional fee is required for this amendment. Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed. A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge and credit Deposit Account No. 18-0013 as described below. A duplicate copy of this sheet is enclosed. Credit any overpayment. Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

Dated: July 11, 2007

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Docket No.: SON-3173  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Masaaki Bairo

Application No.: 10/584,994

Confirmation No.: 5930

Filed: June 29, 2006

Art Unit: 2811

For: BIPOLAR TRANSISTOR, SEMICONDUCTOR APPARATUS HAVING THE BIPOLAR TRANSISTOR, AND METHODS FOR MANUFACTURING THEM

Examiner: Not Yet Assigned

**FIRST PRELIMINARY AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Abstract** begin on page 4 of this paper.

**Amendments to the Drawings** begin on page 5 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 6 of this paper.

Application No. 10/584,994  
Amendment dated July 11, 2007  
First Preliminary Amendment

Docket No.: SON-3173

An **Appendix** including amended drawing figures is attached following page 6 of this paper.